

ARG70401 Mouse CD178 / Fas Ligand recombinant protein (Active) (His-tagged, N-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (N-ter) Active Mouse CD178 / Fas Ligand recombinant protein
Tested Application	SDS-PAGE
Target Name	CD178 / Fas Ligand
Species	Mouse
A.A. Sequence	Gln128 - Leu279
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to induce apoptosis in Jurkat cells. The ED50 for this effect is < 1 µg /mL.
Alternate Names	FASLG; Fas Ligand; APT1LG1; TNFSF6; CD178; FasL; Tumor Necrosis Factor Ligand Superfamily Member 6; Fas Ligand (TNF Superfamily, Member 6); Apoptosis Antigen Ligand; Fas Antigen Ligand; CD95 Ligand; CD95-L; CD95L; APTL; FASL; Tumor Necrosis Factor (Ligand) Superfamily, Member 6; Mutant Tumor Necrosis Factor Family Member 6; Apoptosis (APO-1) Antigen Ligand 1; Tumor Necrosis Factor Ligand 1A; CD178 Antigen; ALPS1B; TNLG1A

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

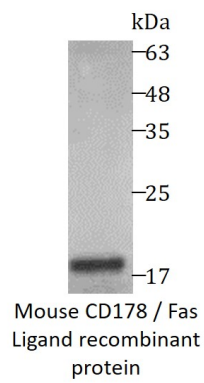
Bioinformation

Gene Symbol	FASLG
Gene Full Name	Fas Ligand
Background	This gene is a member of the tumor necrosis factor superfamily. The primary function of the encoded transmembrane protein is the induction of apoptosis triggered by binding to FAS. The FAS/FASLG signaling pathway is essential for immune system regulation, including activation-induced cell death (AICD) of T cells and cytotoxic T lymphocyte induced cell death. It has also been implicated in the progression of several cancers. Defects in this gene may be related to some cases of systemic lupus

erythematosus (SLE). Alternatively spliced transcript variants have been described.

Function	Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development.
PTM	Disulfide bond, Glycoprotein, Ubl conjugation
Cellular Localization	Cell membrane, Cytoplasmic vesicle, Lysosome, Membrane, Nucleus, Secreted

Images



ARG70401 Mouse CD178 / Fas Ligand recombinant protein (Active)
(His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of Mouse CD178 / Fas Ligand recombinant
protein (Active) (His-tagged, N-ter)